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Frank C. Turner, Reg. No. 39,863
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Signature

IPW
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

JAMES F. STEVENS

GROUP ART UNIT

Serial No. 10/827,148

Filed: April 19, 2004

EXAMINER:

For: METHOD AND APPARATUS FOR
PROVIDING A CONTINUOUS
STREAM OF REFORMATE

INFORMATION DISCLOSURE STATEMENT

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This Information Disclosure Statement is submitted pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, particularly 1.97(b). The documents listed on the attached Form PTO/SB/08a are brought to the Examiner's attention. Copies of these documents are enclosed.

05/13/2004 TBESHAH1 00000063 031620 10827148

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Respectfully submitted,



Frank C. Turner
Attorney for Applicant
Reg. No. 39,863

May 11, 2004
Chevron Services Company
1111 Bagby Street, Suite 4040
Houston, Texas 77002
713-752-3084 (voice)
713-752-7969 (fax)



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

Complete if Known

Application Number	10/827,148
Filing Date	April 19, 2004
First Named Inventor	James F. Stevens
Art Unit	
Examiner Name	
Attorney Docket Number	X-0169

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	AA	US-2002-0085967 A1	7/4/2002	Yokata	
	AB	US-2002-0110503 A1	8/15/2002	Gittleman et al.	
	AC	US-2003-0148153 A1	8/7/2003	Mitlitsky et al.	
	AD	US-2003-0150163 A1	8/14/2003	Murata et al.	
	AE	US-2003-0175564 A1	9/18/2003	Mitlitsky et al.	
	AF	US-3,108,857	10/28/1963	Gorin et al.	
	AG	US-3,188,179	6/8/1965	Gorin	
	AH	US-3,627,478	12/14/1971	Tepper	
	AI	US-4,598,836	7/8/1986	Wessel	
	AJ	US-5,360,461	11/1/1994	Meinzer	
	AK	US-5,614,460	3/25/1997	Schwartz et al.	
	AL	US-5,653,951	8/5/1995	Rodriguez et al.	
	AM	US-6,007,699	12/28/1999	Cole	
	AN	US-6,103,143	8/15/2000	Sircar et al.	
	AO	US-6,113,673	9/5/2000	Loutfy et al.	
	AP	US-6,165,643	12/26/2000	Doyle et al.	
	AQ	US-6,290,753 B1	9/18/2001	Maeland et al.	
	AR	US-6,432,176 B1	8/13/2002	Klos et al.	
	AS	US-6,471,935 B2	10/29/2002	Jensen et al.	
	AT	US-6,534,033 B1	3/18/2003	Amendola et al.	
	AU	US-6,591,617 B2	7/15/2003	Wolfe	
	AV	US-6,596,055 B2	7/22/2003	Cooper et al.	
	AW	US-6,616,891 B1	9/9/2003	Sapru et al.	
	AX	US-6,630,648 B2	10/7/2003	Gruenwald	
	AY	US-6,660,680 B1	12/9/2003	Hampden-Smith et al.	
	AZ	US-6,672,077 B1	1/6/2004	Bradley et al.	
	AAA	US-6,672,372 B1	1/6/2004	Li et al.	
	ABB	US-6,682,838	1/27/2004	Stevens	
	ACC	US-6,685,762	2/3/2004	Brewster et al.	
	ADD	US-6,685,821 B2	2/3/2004	Kosek et al.	

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SignatureDate
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 2

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First Named Inventor	James F. Stevens
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Examiner Name	
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	BA	EP 1,187,668 (WO 00/76629)	3/20/2002	Connor et al.		
	BB	JP 2000-273472	10/3/2000	Tatsuo et al.		
	BC	JP 2002-208425	7/26/2002	Yukitaka et al.		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Alpay et al., "Combined Reaction and Separation in Pressure Swing Processes," <i>Chemical Engineering Science</i> , Vol. 49, No. 24B, pp 5845-5864	
	CB	Berty et al., "Beat the equilibrium," <i>Chemtech</i> , October 1990, pp 624-629	
	CC	Carvill et al., "Sorption-enhanced reaction process," <i>AIChE Journal</i> , Oct. 1996, Vol. 42, No. 10, pp 2765-2772	
	CD	Han et al., "Simultaneous shift reaction and carbon dioxide separation for the direct production of hydrogen," <i>Chemical Engineering Science</i> , Vol. 49, No. 24B, pp 5875-5883 (1995)	
	CE	Hufton et al., "Sorption-enhanced reaction process for hydrogen production," <i>AIChE Journal</i> , Feb. 1999, Vol. 45, No. 2, pp 248-256	
	CF	Kuramoto et al., "Repetitive carbonation-calcination reactions of Ca-based sorbents for efficient CO ₂ sorption at elevated temperatures," <i>Ind. Eng. Chem. Res.</i> , 2003, Vol. 42, pp 975-981	
	CG	Lin et al., "Hydrogen production from hydrocarbon by integration of water-carbon reaction and carbon dioxide removal (HyPr-RING Method)," <i>Energy and Fuels</i> , 2001, Vol. 15, pp 339-343	
	CH	Rizeq et al., "Fuel-flexible gasification-combustion technology for production of H ₂ and sequestration-ready CO ₂ ," Annual Technical Progress Report 2002, October 2002, DOE Award No. DE-FC26-00FT40974, General Electric and Environmental Research Corporation	
	CI	Silaban et al., "High temperature capture of carbon dioxide: characteristics of the reversible reaction between CaO(s) and CO ₂ (g)," <i>Chem. Eng. Comm.</i> , 1995, Vol. 137, pp 177-190	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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